

FACT SHEET: GEM Neighborhood Scale Electric Vehicles



Background

GEMs (Global Electric Motorcars) are electric vehicles designed to make short trips in a community, campus, or commercial setting. Manufactured by Daimler Chrysler, GEMS can run about 30 miles on a single charge and get up to speeds of about 25 miles per hour.

Through Mayor Michael Sullivan, Daimler Chrysler donated 20 GEMs to the City of Cambridge in 2003 for municipal uses. The vehicles have been distributed among the Public Works, Water, Fire, and Recreation Departments. The Mayor also has one at his service. The GEMS are used in places such as Danahy Park and Fresh Pond Reservation to transport materials and personnel performing maintenance and to conduct patrols.

Environmental Benefits

GEMs emit no air pollution at the tailpipe. While some emissions are associated with generating the electricity to recharge the vehicles, greenhouse gas emissions such as carbon dioxide are reduced when GEMs are substituted for conventional trucks and cars that run on gasoline or diesel.

For more information, visit <http://www.gemcar.com> or contact the Environmental & Transportation Planning Division of the Community Development Department, 617-349-4628.



City of Cambridge